

ational Application No
/US2004/018352

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G01M3/20 G01M3/32

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G01M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 661 229 A (BOHM THOMAS ET AL) 26 August 1997 (1997-08-26) cited in the application the whole document	1-19
X	DE 43 26 267 A (LEYBOLD AG) 9 February 1995 (1995-02-09) column 1, line 3 - column 2, line 50; figure 1	1-19
A	EP 0 285 864 A (LEYBOLD AG) 12 October 1988 (1988-10-12) column 3, line 45 - column 4, line 34; figures 2,4	1-19
A	DE 92 02 350 U (LEYBOLD AG) 16 April 1992 (1992-04-16) the whole document	1,10

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

8 November 2004

Date of mailing of the international search report

16/11/2004

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

/US2004/018352

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5661229	A	26-08-1997	DE 4326265 A1	09-02-1995
			DE 59409544 D1	09-11-2000
			WO 9504921 A1	16-02-1995
			EP 0712488 A1	22-05-1996
			JP 9501237 T	04-02-1997
DE 4326267	A	09-02-1995	DE 4326267 A1	09-02-1995
			WO 9504922 A1	16-02-1995
EP 0285864	A	12-10-1988	DD 281232 A5	01-08-1990
			DE 3870299 D1	27-05-1992
			EP 0285864 A1	12-10-1988
			EP 0365042 A1	25-04-1990
			JP 63256833 A	24-10-1988
			US 4918975 A	24-04-1990
			US 5022265 A	11-06-1991
DE 9202350	U	16-04-1992	DE 9202350 U1	16-04-1992

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